## DaimlerChrysler AG

## Patent claims

- 5 A vehicle occupant protection system (1) for a motor vehicle having a vehicle seat (2) with which are integrated into (3) areas of a seating part and of a backrest, the air pressure of the airbags (3) being adjustable by 10 means of a compressed air regulating device (4), characterized in that a control unit provided which evaluates the data (6) which is relevant to the safety of the driving operation, and times the actuation of the compressed air 15 regulating device (4) in such a way that at least one airbag (3) of the vehicle seat (2) is inflated before the occurrence of an anticipated accident.
- The vehicle occupant protection system (1) as claimed in claim 1, characterized in that all the airbags (3) of the vehicle seat are inflated before the occurrence of the anticipated accident.
- 3. The vehicle occupant protection system (1) as claimed in claim 1, characterized in that only those airbags (3) of the vehicle seat which are relevant in terms of safety equipment for the specific accident are inflated.
- 30 4. The vehicle occupant protection system (1) as claimed in claim 1, characterized in that at least one support element in the backrest and/or a headrest has airbags (3) which are actuated by the compressed air regulating device (4).

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5. The vehicle occupant protection system (1) as claimed in claim 1, characterized in that the air pressure of the airbag (3) is set by means of the

compressed air regulating device (4) as a function of a vehicle occupant classification means (7) and/or a person identification means (8).

5 6. The vehicle occupant protection system (1) as claimed in claim 1, characterized in that the air pressure of the airbag (3) is set by means of the compressed air regulating device (4) as a function of the specific accident.

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- 7. The vehicle occupant protection system (1) as claimed in claim 1, characterized in that the data (6) which is relevant to the safety of the driving operation comprises vehicle state variables, ambient data and/or driver activities.
- 8. The vehicle occupant protection system (1) as claimed in claim 1, characterized in that the airbag (3) is deflated if the accident does not occur.
- 9. The vehicle occupant protection system (1) as claimed in claim 1, characterized in that the control unit (5) also actuates a reversible seat belt pretensioner (9) and activates it in good time before the anticipated accident.